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Borough of Loughborough.

ANNUAL REPORTS

OF THE

Medical Officer of Health

AND

Sanitary Inspector,

FOR THE

YEAR ENDING DECEMBER 31st, 1925.

LOUGHBOROUGH:
TOPPINGS LIMITED, PRINTERS,
1, WOOD GATE.

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PUBLIC HEALTH STAFF.

N. B. M. BLACKHAM, Medical Officer of Health.

HAROLD BINTCLIFFE, Sanitary Inspector.

Cert. Royal San. Inst. as San. Inspector.

Cert. Royal San. Inst. as Inspector of Meat and other Foods.

Cert. San. Insptrs. Assoc. Examination Board as Sanitary Inspector.

W. J. MUNTON, Assistant, Sanitary Department.

NURSE SHEPPARD, Health Visitor.

Report of Medical Officer.

To the Town Council of the Borough of Loughborough.

I have the honour to present to you my Annual Report for the year 1925.

The Ministry of Health direct that the Report for 1925 shall be a Survey Report.

Area (Acres), ...			3045.
Population (Census 1921—26230).			
Estimated 1925—26,330.			
No. of Inhabited Houses 1921	5860.	1925.	6092.
No. of Families or separate occupiers 1921			6045.
Average Number of Persons per house ...			4·3.
Rateable value 1925 ...	£121,887 2s. 0d.		
Sum represented by 1d. rate	£440.		

The Borough of Loughborough is situated in the Valley of the River Soar, west of that River, which forms the eastern boundary of the Borough. The ground levels vary from 120 feet above O.D. in the neighbourhood of the Meadows adjoining the river to 200 O.D. on the south western side of the Borough. The district between the Leicester Canal and the river is comparatively level, whilst the remainder of the Borough is undulating. The Hermitage Brook drains the lower levels above referred to, and the Woodbrook and Burleigh Brook drain the

higher levels towards the Charnwood Forest into the River Soar. The district to the north east of the Midland Railway is practically unbuilt upon, the bulk of the property being built upon the higher levels. The Subsoil in the lower levels is drift gravel overlying the upper Keuper Marls, and varies in thickness from 5-20 feet, and the saturating level is about 4 feet below the surface. In the remaining parts of the town the subsoil is practically the same, except that the thickness of the gravel varies considerably in certain parts of the town, there being only a few inches and in other parts it runs from 10 to 15 feet chiefly in 'pockets.' Subsoil water level would average 10 feet below the surface in the town other than the district east of the Midland Railway.

Water Supply.

The water supply of the district is derived from the uplands of Charnwood Forest, a sparsely populated district, most of which is grass land. The water has no plumbo-solvent action and is collected from the sources of supply of the Blackbrook and Woodbrook, each stream having a separate reservoir in which the water is stored. The Blackbrook is the larger, as also is the reservoir, and stands on a higher altitude, so that the water gravitates therefrom to the Woodbrook reservoir at Nanpantan, where ample means of filtering of the most recent type are available to render the water free from all risks of pollution. The supply is ample and continuous. During the past five years the mains have been extended to Knightthorpe District and all the houses connected up. During the same period the mains have been laid in Derby Rd., Swingbridge Rd., Outwoods Drive, Westfield Drive, Elms Park Estate and Beacon Rd., and all the houses built on these new Estates have been connected up.

Occupation of Inhabitants.

The inhabitants are employed chiefly in Hosiery factories and Dyeing workshops, which employ a considerable proportion of female labour. The Health conditions in the factories and workshops compare favourably with other towns of the same size. There are also several large Engineering firms employing mostly men, in which the Health conditions leave nothing to be desired.

Rivers and Streams.

There is no pollution of rivers or streams from the Borough as the sewage affluent is good.

Closet Accommodation.

Total No. in district at end of the year :—

Privies 31 ; Pail Closets 659 ; W.C.s 6,574 ; 41 Pail Closets were converted to W.C.s during the year. 133 new W.C.s were provided. Pail Closets and Privies are being gradually converted, this authority contributing £5 towards the cost of each conversion.

Sewage and Sewage Disposal.

The town generally is sewered on the 'Combined' system, but the more recently sewered districts are provided with sewers designed for the partially separate system. The whole of the built up and partly built up areas are sewered except Leicester Road south of the Grammar School Brook. The sewage is delivered by gravitation to the Sewage Disposal Works where, after screening, up to three times the dry weather flow is pumped and treated by settlement in Dortmund Tanks with a capacity of slightly over half the daily d.w.f. After settlement about two-thirds of the sewage is treated by irrigation on the farm, the land being laid out in narrow plots with grips and is suitably under-drained. The remaining one-third is dealt with by four 80′ 0″ diameter bacteria beds with revolving distributors, the media averaging 4′ 9″ in depth, and after settlement in humus tanks the effluent is discharged into the River Soar.

Storm water from 3 to 6 times the dry weather flow is pumped into Storm Water Tanks and treated as storm water.

Storm overflows are provided on the trunk sewers and volumes in excess of 6 times the d.w.f. are discharged into the various water courses.

Rainfall for 1925.

January	...	2·12
February	...	3·17
March	...	1·13
April	...	2·12
May	...	5·01
June	...	0·05
July	...	1·96
August	...	1·76
September	...	3·20
October	...	3·36
November	...	1·82
December	...	2·09
	Total	27·79

Method of dealing with Infectious Diseases.

The Council has joined with the County Joint Hospital Committee, which provides Isolation Hospital treatment for all cases of Infectious Diseases.

In Hospital January 1st, 1925	...		...		6
Admitted during 1925,	Diphtheria	12 ;	Scarlet Fever	58,	70
Died ...	,,	1 ;	,,	—	1
Discharged ...	,,	11 ;	,,	57	68
Remaining in Hospital December 31st, 1925			...		7

Disinfection is accomplished by :— (1) the steam disinfector at the Sewage Farm ; (2) fumigation with Sulphur and Formic Aldehyde, and (3) spraying with Izol, Formalin and Perchloride of Mercury.

Tuberculosis.

This Council has arranged to join the County Scheme for Sanatorium and Hospital treatment. Health Visitors have been appointed to visit and advise all cases of tuberculosis. The rooms occupied by the Patients are periodically disinfected by the Sanitary Inspector with Formalin and when a death occurs, or a removal takes place, the rooms are fumigated and the paper stripped off the walls and the rooms washed with a solution of disinfectant and limewashed, and the beds, etc., put through the steam disinfector.

Infectious Diseases Notified.

355 Cases of Infectious Diseases were notified during the year ; viz :—Enteric Fever 1, Scarlet Fever 83, Diphtheria 23, Erysipelas 10, Encephalitis Lethargica 1, Puerperal Fever 1, Chicken Pox 166, Pulmonary Tuberculosis 62, other Tubercular Diseases 8.

Scarlet Fever.

83 Cases of this disease were notified. 58 Cases were removed to the Isolation Hospital.

Diphtheria.

23 Cases of this disease were notified. 12 Cases were removed to the Isolation Hospital.

Enteric Fever.

1 Case of this disease was notified.

Midwives Act 1902.

The County Council carry out this Act.

Births.

The total number of Births registered in the Borough was 425, which is 34 less than last year and is 105 below the average of the last 5 years, and is an annual birth rate of 16·0 per thousand. Of these births 206 were Boys and 219 Girls. 23 of these births were illegitimate.

Vital statistics of the year.

Births.		Total	M.	F.	
Legitimate	...	402	192	210	Birth rate 16·0
Illegitimate	...	23	14	9	
Total	...	425	206	219	

Number of Women dying in, or in consequence of child birth, 1.

Mortality.

The total number of deaths registered in the Borough was 322. From this must be deducted 31 of persons not belonging to the Borough and 14 added of Loughborough residents which were registered outside the Borough, which gives the correct number of Loughborough residents as 305, which is 6 less than last year and 4 below the average of the last five years, and is an annual death rate of 11·4 per thousand. (The Death rate for England and Wales for the year was 12·2).

Infant Mortality.

Deaths of Infants under one year of age per 1000 births.
Legitimate 77·1. Illegitimate 0. Total 72·9.

The total number of Deaths under one year of age is 31, which is 3 less than last year, and 15 below the average of the last 5 years, and is an infant mortality of 72·9 per thousand births registered. The Infantile Mortality rate for England and Wales was 75 per thousand births registered.

Deaths from Measles	9
Deaths from Whooping Cough (all ages)	5
Deaths from Diarrhœa (under 2 yrs. of age)	4

Infant Mortality for the past 5 years.

1920	...	99·0
1921	...	88·6
1922	...	84·9
1923	...	84·8
1924	...	74·0

There has been a steady decline in the Infant Mortality rate during recent years, due to improved Sanitation, knowledge imparted to Mothers at the Infant Welfare Centre by the Nurse and Voluntary Helpers, and to a cleaner Milk Supply.

Zymotic Diseases.

The Total number of Deaths from Zymotic Diseases including Diarrhœa and Influenza is 57 which is 13 more than last year.

Prevention of Disease.

In order to prevent Summer Diarrhœa during the summer months, 56 house rooms were sprayed with a solution to kill flies. This precaution again proved very successful.

Bacteriological Examinations.

During the year 394 specimens were examined at the County Laboratory by Dr. Fairer, Assistant County Medical Officer. I have found these examinations very helpful and wish gratefully to thank Dr. Fairer for the assistance. The examinations were as follows :—

Sputa for Tubercle Bacilli (including specimens from Dispensary Frederick St.)	145
Milk Examinations ...	68
Throat Swabs for Diphtheria ...	35
Blood for Wassermann tests ...	33
Films for Gonococci ...	18
Urine (General and Bacteriological)	9
Sewage and Water Analysis ...	7
Differential Blood Counts ...	5
Vidal's Test for Typhoid Fever ...	4
Pleuritic Fluid for T.B. ...	1
C.S. Fluid for Meningococci ...	1
Urine for T.B.	1
	327

In addition the following specimens were received from Loughborough Venereal Diseases Clinic :—

Blood for Wassermann Tests ...	39
Films for Gonococci ...	26
Films for S. Pallida ...	2
	67
Total ...	394

Housing.

No. of New Houses Erected during the year:—

(a)	Total number including numbers given separately under (b)	81
(b)	With state assistance under The Housing Acts ...	71
(1)	By the Local Authority	36
(2)	By other Bodies or Persons	45

No. of New Houses Erected.

1917, 1918, 1919	...	3
1920	...	35
1921	...	115
1922	...	62
1923	...	30
1924	...	59
1925	...	81
	Total	385

Unfit Dwelling Houses.

The total number of houses inspected for housing defects during the year, Public Health or Housing Acts,—500. Nuisances were found in 451 of these ; the chief defects being :—dirty houses, defective floors, defective doors and windows, overcrowding, defective yard paving, etc. On notices being sent these defects were remedied ; two were found to be so dangerous or injurious to health as to be unfit for human habitation.

During the five years under review 945 houses were found with Nuisances existing, which were remedied.

Scavenging.

The amount of work accomplished under this heading will be seen from the Sanitary Inspector's Report attached hereto.

Sanitary Inspection of the Area.

Total No. of complaints received during the year ...	34
,, ,, inspections made for all purposes ...	8659
,, ,, notices served 704. Informal 641. Statutory 63	
,, ,, summons issued	5
,, ,, convictions obtained	2
,, ,, cases withdrawn on payment of costs and carrying out our requirements...	3

Smoke Abatement.

Nuisances were abated in 6 cases during the year.

Schools.

The Sanitary conditions of the Schools in the Borough is good. The water supply in all of them is obtained from the mains. The Medical examination of school children is carried out under my supervision. The amount of work accomplished under this heading will be noted from School Report attached hereto. A careful lookout is kept by the teachers, nurses and myself for cases of Infectious Diseases amongst the children attending school.

Milk and Dairies Amendment Act.

A large amount of work has been carried out under this Act. On the New Register there are 53 Retailers and 21 Wholesale traders and Producers. These receive the constant attention of your Inspector and myself. 266 inspections have been made during the year. The increased number of retailers is accounted for by shops being licensed to sell Sterilised Bottled Milk. 72 samples were taken for Bacteriological examination; these were graded as Good 29, Fair 17, Moderate 3, and Bad 23.

Factory and Workshop Act.

The total number of Inspections of Factory and Workshops was for the year ending December 31st, 1925, 172, (10 Factories and 162 Workshops); 21 Nuisances were found existing:—Insufficient closet accommodation, drains not ventilated or disconnected; on notices being sent the nuisances were remedied.

6 W.C.s provided.
2 Urinals provided and fastenings put on door.
10 Bakehouses were limewashed.

For the year 1921, 197 Inspections were made, (9 Factories and 188 Workshops) 9 nuisances were found existing:—7 drains not ventilated nor disconnected, 2 dirty bakehouses. This work was carried out.

There are 24 Bakehouses on the Register.

Report of Veterinary Surgeon for 1925.

The following is the result of dairy inspections for the year 1925.

Visits ...	...	54
Cows examined	...	579
Tuberculous Udder	1	Cows removed from dairies.
Generalised Tuberculosis	1	

R. L. Phillips,

Veterinary Surgeon.

Notification of Births Act, 1907.

This Act is carried out by the Local Authority. A Nurse has been appointed to visit and instruct parents in all cases. The amount of work accomplished during the year will be seen from the Nurse's report attached hereto.

Infant Welfare

Attached is the report of the Health visitor from which will be seen the amount of work carried out. The Infantile Death rate is 72·9 per 1000 births registered, as compared with 74·0 per 1000 last year, and 15 below the average of the past five years.

Appended is the Sanitary Inspector's Report, Report of School Medical Officer to the Loughborough Education Committee of Schools in the Borough, Tabulated Statistics as to population, Birth and Mortality for the past five years, also of Infectious Diseases notified, and of Deaths of Infants under one year of age.

Copies of this report will when printed be sent to the Ministry of Health, the Home Office and the Leicestershire County Council.

I am, Ladies and Gentlemen,

Your Obedient Servant,

N. B. M. BLACKHAM,

Medical Officer of Health.

BOROUGH OF LOUGHBOROUGH.

Year.	Population estimated to Middle of Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Un-corrected Number.	Nett.						Under 1 Year of age		At all Ages.	
			Number.	Rate.	Number.	Rate.	of Non-residents registered in the district.	of Resi-dents not registered in the district.	Number.	Rate per 1000 Nett Births.	Number	Rate.
1921	26,230	553	553	21·08	319	12·1	16	20	49	88·6	323	12·3
1922	26,400	518	518	19·6	325	12·3	27	15	44	84·9	312	11·8
1923	26,480	507	507	19·1	310	11·7	28	9	43	84·8	291	10·9
1924	26,550	459	459	16·9	313	11·7	26	24	34	74	311	11·7
1925	26,530	425	425	16·0	322	12·1	31	14	31	72·9	305	11·4

TABLE X.—**Birth-rate, Death-rate,** and **Analysis** of **Mortality** during the year 1925.

(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1925, while those for the towns have been calculated on population estimated to the middle of 1924. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

—	Birth-Rate per 1,000 Total Population.	Annual Death-rate per 1,000 Population.									Rate per 1,000 Births.		Percentage of Total Deaths.		
		All Causes.	Enteric Fever.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Violence.	Diarrhœa and Enteritis (under Two years).	Total Deaths under One Year.	Causes of Death certified by Registered Medical Practitioners.	Inquest Cases.	Uncertified Causes of Death
England and Wales - - - -	18·3	12·2	0·01	0·00	0·13	0·03	0·15	0·07	0·32	0·47	8.4	75	92·1	6·9	1·0
105 County Boroughs and Great Towns, including London.	18·8	12·2	0·01	0·00	0 17	0·03	0·18	0 09	0·30	0·43	10·8	79	92·1	7·3	0·6
157 Smaller Towns (1921 Adjusted Populations 20,000-50,000).	18·3	11·2	0·01	0·00	0·15	0·02	0·14	0·06	0·31	0·38	7·6	74	93·0	5·9	1·1
London - - -	18·0	11·7	0·01	0·00	0·08	0·02	0·19	0·11	0·23	0·46	10·6	67	91·1	8·9	0·0

CIVILIANS ONLY.

Causes of Death in LOUGHBOROUGH U.D. 1925.

		M.	F.
	All Causes	157	148
1.	Enteric Fever	—	—
2.	Small Pox	—	—
3.	Measles	7	2
4.	Scarlet fever	—	—
5.	Whooping Cough	—	5
6.	Diphtheria	1	1
7.	Influenza	7	5
8.	Encephalitis lethargica... ...	—	—
9.	Meningococcal meningitis ...	—	1
10.	Tuberculosis of respiratory system ...	13	10
11.	Other tuberculous diseases ...	5	2
12.	Cancer, malignant disease ...	11	13
13.	Rheumatic Fever	—	2
14.	Diabetes	4	2
15.	Cerebral hæmorrhage, &c. ...	10	11
16.	Heart Disease	23	19
17.	Arterio-sclerosis	2	4
18:	Bronchitis	10	12
19.	Pneumonia (all forms)	3	10
20.	Other respiratory diseases ...	—	—
21.	Ulcer of stomach or duodenum ...	1	—
22.	Diarrhœa, &c., (under 2 years) ...	4	—
23.	Appendicitis and typhlitis ...	1	1
24.	Cirrhosis of liver	2	—
25.	Acute and chronic nephritis ...	5	1
26.	Puerperal sepsis	—	2
27.	Other accidents & diseases of pregnacy and parturition	—	—
28.	Congenital debility and malformation, premature birth	9	5
29.	Suicide	1	2
30.	Other deaths from violence ...	7	—
31.	Other defined diseases	31	38
32.	Causes ill-defined or unknown ...	—	—
	Special causes (included above)		
	Poliomyelitis	—	—
	Polioencephalitis	1	—
	Deaths of Infants under 1 year — Total ...	17	14
	Deaths of Infants under 1 year — Illegitimate	—	—
	TOTAL BIRTHS	206	219
	Legitimate	192	210
	Illegitimate	14	9
	POPULATION...	26,530	

BOROUGH OF LOUGHBOROUGH.

Infectious Diseases Notified. Classified according to Ages. For Year 1925.

	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.	Ages of Cases Notified.										
				Under 1 Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45 and upwards
Scarlet Fever	83	58	—	—	—	2	4	8	32	20	12	5	—	—
Diphtheria	23	12	2	—	—	—	2	3	8	6	1	3	—	—
Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	10	—	—	—	—	—	1	—	—	—	—	—	4	5
Chicken Pox	166	—	—	5	10	13	8	31	80	13	5	1	—	—
Puerperal Fever	1	—	1	—	—	—	—	—	—	—	—	1	—	—
Encephalitis Lethargica ..	1	—	—	—	—	—	—	—	—	1	—	—	—	—
Enteric Fever	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Pulmonary Tuberculous ..	62	—	23	—	—	—	—	—	2	6	16	17	14	7
Other Tuberculosis Diseases	8	—	7	1	1	—	—	1	1	1	1	2	—	—
Ophthalmia Neonatorum ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TUBERCULOSIS.

	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
Ages	*Male*	*Female*	*Male*	*Female*	*Male.*	*Female*	*Male.*	*Female*
0	0	0	0	1	0	0	1	0
1	0	0	0	1	0	0	2	1
5	0	2	1	1	0	0	1	0
10	3	3	1	0	0	0	0	0
15	5	11	1	0	0	2	0	0
20	5	3	0	1	2	0	0	1
25	5	4	0	1	5	3	0	0
35	8	6	0	0	1	4	0	0
45	4	0	0	0	4	0	1	0
55	0	3	0	0	1	0	0	0
65 and upwards.	0	0	0	0	0	1	0	0
Totals	30	32	3	5	13	10	5	2

Report of School Medical Officer.

To the Chairman and Members of the Loughborough Education Committee.

Mr. Chairman, Ladies and Gentlemen.

I have the honour to present to you my Annual Report on the Medical Inspection of School Children for the year ending 31st December, 1925.

Staff of School Medical Service.

Medical Officer, Assistant Medical Officer and two Nurses.

Medical Inspections.

Medical Inspections are held at each School periodically. The total number of children examined during the year was 1109, of which 107 were marked for re-inspection after an interval of treatment or observation according to the case. The number of "Defectives" represents 9·8% showing a considerable improvement on last year's figure of 13·5%. 116 special cases have been examined at the Clinic. These are cases which have been singled out by the Teachers or have come under observation of the Nurses during their regular visits to the Schools or as the result of visits to homes in the course of co-operation with the Attendance Officer.

The total is made up as follows :—

Infants	438
Intermediates	317
Leavers	354
	1109
Re-inspections	107
Special Inspections	116

It has been a source of great pleasure to the Staff to note the marked increase in the number of parents attending the Inspections and their willingness to adopt suggestions offered them. It is now an exception for a child to be unattended by a parent.

The Clinic continues to open each morning from 9 to 11 o'clock for the treatment of minor ailments, dressings, the supply of Medicines (in certain necessitous cases) and for Medical advice, on Tuesday and Friday mornings; Tuesday afternoons for Dental Treatment; Friday afternoons for Eye Refractions.

The Clinic was opened	207 times.
No. of new cases	1067
No. of attendances	6563
Attendances for Virol	1043

Certificates of fitness for part-time employment have been issued in 103 cases.

Ringworm.

These cases which were so troublesome last year have declined considerably both in number and severity, thanks to the co-operation of parents and the vigilance of Teachers and Nurses.

Cleanliness.

48 examinations have been made in the Schools by the Nurses and the number of children examined 8236. 12 children have been excluded from school on account of Verminous heads, and 5 children were cleansed at the School Clinic.

11 cases were reported to the N.S.P.C.C. Inspector in respect of 25 children.

Condition of Girls' Hair.

Church Gate	96% clean
Cobden Street Girls'	96% ,,
Cobden Street Infants'	97% ,,
Shakespeare Street Girls'	90% ,,
Shakespeare Street Infants'	95% ,,
Rosebery Street Girls'	96% ,,
Rosebery Street Infants'	97% ,,
Rendell Street Girls'	95% ,,
Emmanuel Girls' and Infants'	98% ,,
St. Mary's Girls' and Infants'	93% ,,
Warner Girls' and Infants'	97% ,,

Cripples' Guild.

Several cases have been referred to this Institution for treatment and in those instances where the Committee are contributing towards the expense, I hope to be able to report on their progress etc., from time to time.

General.

The several Schools in the area, both Council and Non-provided, have, during the year, been kept in a satisfactory condition of cleanliness. The ventilation, warming and sanitary arrangements are generally good.

During the year the School Nurses have worked in co-operation with the Sanitary Department of the Town Council and have regularly reported to the Borough Inspector of Nuisances any cases of overcrowding and dirty houses which have come under their notice.

The assistance of the local Inspector of the N.S.P.C.C. in dealing with unsatisfactory parents has been useful and is appreciated.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

N. B. M. BLACKHAM,

School Medical Officer.

25, Victoria Street,
Loughborough.
March, 1926.

Report of School Dentist.

To the Medical Officer of the Loughborough Education Committee.

Dear Sir,

I beg to submit to you the report on the School Dental work during the year 1925.

The number of children inspected was 1193; of these 665 were found to require treatment; 373 of them came to the Clinic and were treated. Of the 373 children who attended the Clinic for treatment, 39 came a second time.

The percentage of children consenting to treatment and attending the Clinic is about the same as the previous year, showing only an increase of 1%.

Children to the number of 196 were treated as special cases, as they were brought suffering from toothache. In many cases the parents of these children had refused treatment after the routine inspection and only brought them to the Clinic for their own convenience when suffering pain.

The number of attendances made by the children at the Clinic was 412. Of the permanent teeth 98 were extracted and many could have been saved if the parents had consented to treatment after the routine inspection. 434 were filled, showing an increase of 50% more than the previous year. Temporary teeth to the number of 673 were also extracted.

During the School Year, I also inspected 88 children between the ages of 12-13 years and found 67 of them required treatment.

I have started to keep a chart for every child who is inspected, so that the treatment required and treatment carried out can be referred to each year.

By referring to these charts, the children whose parents refuse the necessary treatment after inspection, can be traced when they attend the Clinic simply for their own convenience, their teeth having become much decayed and painful through neglect.

Yours faithfully,

G. W. STOREY,

L. D. S. (Eng.)

15, High Street,
Loughborough.
March, 1926.

Report of the Health Visitor for the Year ending December, 1925.

	BOYS.	GIRLS.	TOTAL.
Births Register	206	219	425
Notifications Received by H. V.	228	201	429
Still-born	7	9	16
Births not notified ...	—	—	29
Illegitimate	13	7	20
Notification not necessary to visit	—	—	28
Visits paid by Health Visitor ...	—	—	2186
Children kept under supervision constantly visited		—	72
Children's Act in respect of 8 children Visits		—	74
Times Centre has been open ...	—	—	93
Attendances made by mothers ...	—	—	6176
New Admissions	—	—	222
Ante Natal Cases at Centre 35 mothers, average visits		—	215
,, ,, ,, visited 59 ,, ,, ,, paid			180
Opthalmia	—	—	0

The Centre is opened two afternoons each week, Mondays and Wednesdays from 1-30 till 4-30, (Girls' Club, Biggin Street).

The Medical Officer, (Dr. Blackham), attends on Wednesdays at 2-30 and when necessary at other appointed times.

Dried Milks, Virol, Roboline, Crystalax, Medical Paraffin Emulsion, Ferri Phos, Codliver Oil, Ointments, Feeding Bottles, Umbilical Pads are sold at cost price or given free on the recommendation of the Medical Officer.

The wool and pattern stall is very useful; patterns and instructions are given in knitting, cutting out and making up of garments. A quantity of woollen vests is made by Helpers and sold at the price of the wool; this enables all babies to have woollen vests where mothers are too busy to make or unable to buy.

The clothing stall is of great value to the mothers, garments being sold to them for a few coppers. A better supply of new and old clothing has been sent to the Welfare this year. Where necessary, clothing is given.

Literature relating to Hygiene, Feeding, clothing etc., is sold and given.

Informal talks by the Health Visitor are given and discussions follow, and great interest is shown by some of the mothers, many questions being asked.

Three special Lectures were given in March, April and May, one on Temperance by an excellent speaker, showing the danger of Alcohol to both pregnant and nursing mothers; cookery demonstration by a late Domestic Science Mistress, and a good talk on 'how to keep well' by a Health Visitor. Very good attendances were made on each day.

An Electric Fan was bought, and much used during the summer, ventilation being much improved. An additional Gas-fire has been fixed, and during the winter a great benefit has been felt by the room being warmer, mothers being much more willing to undress their babies to be weighed.

The social side of the Welfare is well looked after. On January 5th we had our Xmas Tea at the Centre; a good concert was given in the afternoon by local Artistes, followed by tea. 165 mothers were present and a great number of children. The Mayor and Mayoress were of the party, the former speaking a few very encouraging words to the mothers.

Baby week in July was celebrated by a talk to the mothers on Monday and a Garden Party on Wednesday, the Garden and field being kindly lent by a lady on the Committee. Tea was provided in the open air to 170 mothers and about 200 babies and toddlers. Good sports were held after tea and prizes given, swings and other amusements being provided.

During Health Week in October a film entitled "Our Children," and several good slides were shown at the Victory Cinema. A doctor explained the film and slides, giving very instructive little talks before and during the showing.

Thursday a special speaker from London, Miss Walker Finley gave a very excellent address in the Town Hall which was most thoroughly enjoyed by all present.

The work is carried on by the Medical Officer of Health, Health Visitor and Voluntary Helpers, the latter being most regular in their duties and most kind to the mothers in many ways. Tea and cake is provided at each opening of the Centre at a charge of 1d.

Admissions have slightly decreased probably owing to the lower birth rate, but more attendances have been made; mothers attend much longer with their children than formerly and will come for advice when almost of school age.

The Maternity bags are constantly in use, so evidently they must be a great advantage to poor mothers.

Report of Sanitary Inspector.

SANITARY INSPECTOR'S OFFICE,

TOWN HALL, LOUGHBOROUGH.

April 14th, 1926.

To His Worship the Mayor, and Members of the Town Council.

I have pleasure in submitting for your consideration my Seventeenth Annual Report on the operations of the Sanitary Department for the year ending 31st December, 1925.

In a circular letter the Ministry of Health asks us to include in our Report a Survey Report of the last five years.

The only special item which I have to report is the visit of Dr. Pearce from the Ministry of Health, to make an enquiry into the Sanitary Administration of Loughborough last June.

Scavenging.

The removal of household refuse has been carried out satisfactorily throughout the year. The pail closets are emptied twice weekly, the dust-bins once weekly. The ash-pits, privies and cesspools are emptied every four weeks. The total number of loads of household refuse removed amounts to 8788, as against 9106 loads for the year 1921.

Conversions.

The Council have provided out of the rates the sum of £350 to help owners of property to convert the pail closets to water closets. The owner of the property carries out the work under the supervision of this Department and £5 is allowed on each closet converted.

The number converted last year was 41, which leaves us with 659 pail closets. The privies, 31 in number, are mainly in isolated parts of the Borough, where neither sewers nor water supply are available. A few are in the scheduled areas and I shall endeavour to have these replaced by water closets during the current year. In every case where conversions are carried out dust-bins are provided in lieu of the ash-pits.

Food Inspection and Supervision.

During the year the Public Health (Meat) Regulations came into force and I am convinced that they will be of very great service, in preventing diseased and unsound meat from being placed on the market, if they are properly carried out. There are approximately 200 animals killed per week in the Borough; this will vary to some extent by the size of the animal, the season and the amount of imported meat being brought in. Since the Regulations came into force up to the end of the year, I have inspected about 80% of the carcases of beef and pork slaughtered here, at the time of slaughter or before they could be removed, and the results certainly justify the Regulations being made.

We have destroyed five times as much beef and fifteen times as much pork as we did last year and the Regulations have been in force for nine months only. Taking all the year round I should estimate that we have at least 60% of our beef and pork "dressed" out of office hours.

The carcases affected were mainly Tubercular and averaged 2·4% beef and 1·0% pork approximately. We have 15 slaughter-houses in the Borough 9 registered and 6 licensed, being a decrease of two registered ones during the year. One of these was in the Market Place and the other in Church Gate; both of them were old and not up to modern requirements and I am glad they have lapsed. The "making up rooms" have been periodically inspected and kept under observation.

Milk Supply.

Samples of Milk taken from Retailers in the Borough.

For Bacteriological Examination.

No. of Samples taken.	*Good.*	*Fair.*	*Moderate.*	*Bad.*
21	8	8	—	5

Samples of Milk taken from Retailers out of the Borough, but who deliver inside the Borough.

No. of Samples taken.	*Good.*	*Fair.*	*Moderate.*	*Bad.*
51	21	9	3	18

The samples are examined at the County Health Dept. and no bacterial count is stated, but they are graded as "Good, Fair, Moderate and Bad." In the case of the five bad samples in the Borough, visits were paid to the premises of the retailers and producers, certain steps were taken and subsequent samples were taken which came out "good." In the case of those from outside the Borough which were returned as "bad," a letter was sent to the Councils in whose areas the farms are situated, giving the results of the examination of the samples and asking that steps might be taken to prevent "dirty" milk from being sent in.

Notices Served.

The total number of notices served is 641. A large amount of work has been carried out without my having to serve any notice at all.

I wish to take this opportunity of thanking the Health Committee for their support throughout the year, also to my assistants for their willing help at all times.

I am,

Your obedient Servent,

H. BINTCLIFFE,

Sanitary Inspector.

Outworkers in the Borough.

Contractors.	*Workers.*
2	70

Outworkers out of the Borough.

Contractors.	*Workers.*
14	28

HOUSE TO HOUSE INSPECTIONS.

Street.	No. of Houses.	Overcrowded.	Dirty.	Defective Yard Paving.	Defective Roofs.	Plaster off Walls.	Defective Windows.	Defective Floors.	Defective Rain Water Conductors.	Defective and Stopped Drains.	Defective and Broken Chimneys	Defective Sink Wastes.	Dilapidations.	Insanitary Sink Stones.	Defective Dust Bins.
Railway Terrace ...	11	1	7	2	1	1	1	1	—	—	—	—	—	—	—
Nottingham Road ...	5	—	1	1	2	—	1	2	2	—	—	1	1	—	—
Moira Street ...	32	—	7	1	13	3	—	2	2	—	1	1	6	—	—
Pinfold Jetty ..	2	—	2	—	—	—	—	1	—	—	—	—	—	—	—
Wellington Street ...	68	—	30	2	28	6	2	4	5	—	—	—	—	1	—
Factory Street ..	26	—	15	2	7	2	—	1	3	—	—	—	5	—	—
Rutland Street ...	8	—	2	—	—	1	—	—	—	—	—	—	1	—	—
Albert Street ...	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Barrow Street ...	2	—	—	—	2	—	—	—	—	—	—	—	—	—	—
Moor Lane ...	24	—	9	—	13	3	3	1	1	—	1	1	4	—	—
Holland Street ...	14	—	7	—	5	—	2	—	—	—	—	—	3	—	—
Queen Street ...	20	—	10	1	13	4	1	3	—	—	—	—	6	—	1
Providence Square ..	12	—	5	—	6	3	—	2	—	—	—	—	1	—	1
Pinfold Street ...	13	—	6	—	5	3	1	3	1	—	—	—	3	—	—
Shakespeare Street ...	16	—	11	—	2	1	2	—	5	—	—	2	6	—	—
Cradock Street ...	4	—	1	—	—	1	4	—	—	—	—	—	—	—	—
Buckhorn Square ...	13	—	5	—	4	2	3	—	3	—	1	—	5	—	—
Chapman Street ..	28	—	18	1	5	1	11	1	8	3	1	2	9	1	—
Woodgate	2	—	2	—	2	—	2	2	—	2	—	—	—	—	—
Cherry Tree Place ..	1	—	1	—	—	1	—	—	1	—	—	—	—	—	—
Sparrow Hill ..	2	—	—	—	2	1	—	—	1	—	—	—	—	—	1
Falcon Street ...	1	1	—	—	—	1	—	—	1	—	—	—	—	—	1
Totals	305	3	139	10	110	34	33	23	33	5	4	7	50	2	4

SUMMARY OF WORK DONE.

Number of Notices issued	641
,, Notices complied with	628
,, Houses inspected	54
,, House to house inspections	500
,, Infected houses visited	138
,, ,, rooms sprayed	244
,, ,, ,, fumigated	131
,, ,, ,, washed and stripped	34
,, Lots of Bedding stoved at farm	93
,, ,, ,, destroyed at farm	29
,, Samples of Water submitted for analysis	2
,, ,, River Water ,,	1
,, ,, Milk ,, Bacteriological examination	72
,, Houses supplied with Town's water	124
,, Drains and other inspections	4812
,, Complaints received	34
,, Communications *re* Dust removals	49
,, Common lodging houses inspections	26
,, Factory, Workshops & Bakehouses inspections	172
,, Dairies, Cowsheds and Milkshops inspections	266
,, Slaughterhouse inspections	2831
,, Vans ,,	17
,, Outworkers ,,	34
,, Petrol Stores ,,	62
,, Offensive Trades ,,	55
,, Smoke observations	12
,, Animals improperly kept	3
,, Accumulations of Manure	3
,, ,, Rubbish	3
,, Schools inspected	1
,, ,, disinfected	3
,, Drains tested	64
Legal Proceedings	3
Food seized	1 Carcase of Pork

Food surrendered:—

Beef	576 stone weight
Pork	455 ,,
Mutton	9 ,,
Liver	7½ ,,
Tripe	40 lbs. weight
Ox Tongue	30 lbs. ,,
Veal	6 stone weight
Pears	1 Barrel 8 tins
Tomatoes	81 tins
Loganberries	9 tins
Fruit Salad	4 tins
Peaches	6 tins
Crab	10 tins
Fish	6 stones
Bacon	6 lbs.
Apples	30 stones
Turkeys	10
Oranges	6 cases
Apricots	10 crates
Plums	11 baskets
Melons	2 cases

Total number of loads	8788
,, of loads of Dry Ashes	7811
,, ,, ,, to Destructor	6237
,, ,, ,, Park Road Tip	1574
,, ,, Night Soil and Pan Manure	948
Drains taken out	6
New drains laid	66
Drains stopped and cleansed	40
Drains defective	4
Gullies affixed	40
Sink wastes repaired	16
New Sinkstones	1
Water laid on	3
Accumulations of Manure	3
,, Rubbish	3
Yard surface repaired	26
Water Conductors repaired	42
Water Cisterns cleansed	9
Water Closets repaired	26
Closet Doors repaired	2
Ashpit Doors repaired	6
Dilapidated Doors and Windows repaired	58
Floors repaired	22
Yards paved	2
Dirty Yards	2
Animals improperly kept	3
New Urinals	2

Stagnant Water	2
Rabbits and Fowls kept	2
Overcrowded Houses	5
Dirty Houses cleansed	246
Water in Cellars	4
Roofs repaired	156
Ventilators repaired	2
Damp Courses	3
Ceilings repaired	15
Dilapidations repaired	84
Drains ventilated and disconnected	60
W.C's in lieu of Pails	41
Ashpits dispensed with	11
Dust bins provided	191
Houses supplied with Town's water	124
Wells closed	1
Closet Pails provided	13
Rooms washed and stripped after Infectious diseases	34
Broken and smoking Chimneys	11
Plaster off Walls	25

Annual Report of the Medical Officer of Health for the Year 1925 for the Borough of Loughborough

on the administration of the Factory and Workshop Act, 1901, in connection with

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of Inspections. (2)	Number of Written Notices. (3)	Number of Occupiers prosecuted. (4)
FACTORIES ... ... (Including Factory Laundries)	10	2	
WORKSHOPS ... ... (Including Workshop Laundries)	162	10	
Total	172	12	None

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	Number of Defects. Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	Number of offences in respect to which Prosecutions were instituted. (5)
*Nuisances under the Public Health Acts:—**				
Want of cleaniness	10	10	1	
Other Nuisances	3	3	3	
Sanitary accommodation—insufficient	1	1	1	
Total ...	14	14	5	None

**Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.*

Leicestershire County Council.

Sanitary Inspector's Report.

YEAR 1925. LOUGHBOROUGH M.B. DISTRICT.

Total No. of	Complaints received during the year ...	34
,, ,,	Inspections made for all purposes ...	8659
,, ,,	Notices served	704
	(Informal 641. Statutory 63).	
,, ,,	Summonses issued	5
,, ,,	Convictions obtained	2
	Three cases withdrawn on payment of costs and carrying out our requirements.	

Insanitary Houses ... ... (Public Health Act, 1875)	No. inspected ...	195
	No. cleaned... ...	83
Smoke nuisances	No. of observations ...	12
	Nuisances abated ...	6
Overcrowding	No. of houses inspected	50
	Nuisances abated ...	5
Offensive accumulations	No. inspected ...	5
	Nuisances abated ...	5

CLOSET ACCOMMODATION.

Total No. in District at the end of year :—	
(1) Privies	31
(2) Pail Closets	659
(3) W.C.'s	6574
Privies (middens)	
No. of new provided	0
No. repaired	0
No. converted to (a) Pails	0
(b) W.C.'s	0
Pails or earth closets	
No. renewed	113
No. converted to W.C.'s	41
Water closets	
No. of new provided	133

DRAINAGE AND SEWERAGE.

Drains, drain-traps, etc. ...	No. inspected ...	4812
	Nuisances abated ...	647
Cesspools	No. repaired, cleansed, &c.	none
	No. abolished and drains connected to sewer ...	5

SCAVENGING.

How is refuse disposed of?	Destructor
Is refuse destructor available?	Yes
Ashpits, No. of new provided	none
No. converted to ashbins	4
Ashbins, No. of new provided	168

WATER SUPPLY.

WELLS—

No. of samples taken for analysis	1
No. condemned	1
No. of wells closed	1
No. of wells cleansed, repaired, etc.	none
No. of instances where public supply was instituted for the well	1

INFECTIOUS DISEASES.

Houses, No. Inspected	138
No. of inspections	225
No. disinfected (a) Houses...	138
(b) Schoolrooms	3

What are the arrangements for disinfection of:—

(a) bedding, &c.	Steam disinfector
(b) premises ...	Sulphur, Formalin & Izal

Regulated Buildings, Trades, &c.	*No. in District.*	*No. registered.*	*No. of Inspections made.*	*No. of contraventions found.*	*General Conditions.*
Common Lodging Houses	2	2	26	none	good
Canal Boats	22	22	18	none	good

Offensive trades :—(specify each)

Marine Stores
Fish Frying
Tripe Boiling

FOOD SUPPLY.

Diseases	No. of seizures :—	
	(a) Meat	1
	No. of summonses issued :—	
	(a) Meat	1
	No. of convictions obtained (Case withdrawn on payment of Costs).	
	No. of parcels surrendered :—	
	(a) Meat	290
	(b) Other	191
	No. of carcases or parts of carcases condemned for :—	
	(a) Tuberculosis ...	33
	(b) Other diseases ...	10
State arrangements for disposal of condemned meat		Burning at Destructor.

Private Slaughter Houses	In 1920	In Jan. 1925	In Dec. 1925
No. "registered" ...	11	11	9
No. "licensed" ...	6	6	6

Slaughter houses	General conditions of slaughter houses ...	fair
	No. of inspections of premises	2831
	No. of contraventions of bye-laws ...	none
	Has public abbattoir been established? ...	No
	No. of inspections of meat at time of slaughter ...	2719
State arrangements for inspection at time of slaughter?	Three hours notice being given before slaughtering. Visits made where necessary at any time.	

Meat marking	Has approval been given?	No
Meat Stalls	No. of inspections ...	104
	No. of contraventions found	4
Meat Shops, Stores, &c. ...	No. of inspections ...	231
	No. of contraventions found	1
Meat transport and Handling ...	No. of contraventions found	none
Total No. of inspections of places where food (other than meat) is kept or prepared for sale	... ...	92
No. of contraventions found	... ...	none
Are existing powers adequate?	Yes, if properly carried out.	

MILK SUPPLY. (Dairies, Cowsheds, and Milkshops Order, 1885-1889, etc). (Milk and Dairies (Amendment) Act, 1922).

Have regulations been adopted?	yes
Has a Veterinary Inspector been appointed?	yes
RETAIL PURVEYORS.	
(a) Register, No. on	53
(b) Premises, Total No. of inspections made ...	164
No. of contraventions found ...	10
No. found to require—(a) Cleansing	8
(b) Structural or sanitary improvements	2
WHOLESALE TRADERS AND PRODUCERS.	
(a) Register, No. on	21
(b) Premises, No. of inspections made:—	
(1) Total	102
(2) During milking time ...	30
No. of contraventions found	4
No. found to require—(1) Cleansing	2
(2) Structural or Sanitary improvements	2
No. of samples of milk taken for Bacteriological examination ...	72
Total No. of Milch Cows in the District?	213
Legal proceedings—No. of summonses issued ...	none
No. of Convictions obtained ...	none

THE MILK (SPECIAL DESIGNATIONS) ORDER 1923.

Licenses—(a) No. issued (Give No. under respective Designations)	none
(b) No. withdrawn by Sanitary Authority (Give No. under respective designations and reasons for withdrawal)	none
(c) No. refused and reasons for refusal	none
EXAMINATIONS.	
(a) Bacteriological. No. of samples taken from distributors. (Give No. under respective designations.).	
(b) Veterinary:—	
(1) Total No. made	54
(2) No. Milch Cows found to be suffering with general	
(a) Tuberculosis	1
(b) Tuberculosis of Udder	1
(c) Other diseases	none
State method of disposal of Cows affected with above diseases. (a) Slaughtered. (b) Slaughtered.	
State types of apparatus licensed for the pasteurisation of milk (if any)	none

FACTORY AND WORKSHOPS ACT, 1901.

Workshops	No on register (to include bakehouses)	172
	No. of nuisances abated ...	21
Bakehouses	No. on register	24
	Sanitary condition	fair
	No. of nuisances abated	10
Homework	No. of outworkers	60
Legal Proceedings	No. of summonses issued	none
	No. of convictions obtained ...	none

Attach a list of Adoptive Acts, Bye-laws and Local Regulations relating to Public Health in force for the District, with date of adoption.

Adoptive Acts :—

Public Health Act (Amendment Act) 1890. Adopted 1890.
Part 3.
Public Health Act (Amendment Act) 1907.
Parts 3, 4 and 5.
Public Health Act 1925.
Parts 3, 4 and 5.

Bye-laws :—

Good Rule and Government of the Borough.
Adopted October, 1890.
Nuisances. Adopted June 1890.
Common Lodging Houses. Adopted June 1890.

SPECIAL INVESTIGATIONS, &c.

Please state if there have been any special investigations or reports made during the year ? Dr. Pearce from the Ministry of Health made an enquiry into the Sanitary Administration of Loughborough.

RATS and MICE (DESTRUCTION) ACT 1919.

If appointed to act as Officer. No.
No. of visits paid ... none

DISEASES OF ANIMALS ACTS 1894-1909.

If appointed to act as Officer. No.
No. of visits paid ... none

Housing. Year ending 31st December, 1925.

No. of New Houses erected during the year :—

(a) Total (including numbers given separately under (b)	81
(b) With State assistance under the Housing Acts	71
(1) By the Local Authority	36
(2) By other bodies or persons ...	45

UNFIT DWELLING HOUSES.

I.—Inspection.

1. Total No. of dwelling houses inspected for housing defects (under Public Health or Housing Acts ...	500
2. No. of dwelling houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925	305
3. No. of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	2
4. No. of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation ...	360

II.—Remedy of Defects without Service of formal Notices.

No. of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers 324

III.—ACTION UNDER STATUTORY POWERS.

(a) Proceedings under Section 3 of the Housing Act 1925.

1. No. of dwelling houses in respect of which notices were served requiring repairs 63
2. No. of dwelling houses which were rendered fit after service of formal notices:—
   (a) By Owners 63
   (b) By Local Authority in default of Owners none
3. No. of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intention to close ... ... none

(b) Proceedings under Public Health Acts.

1. No. of dwelling houses in respect of which notices were served requiring defects to be remedied ... 127
2. No. of dwelling houses in which defects were remedied after service of formal notices :—
   (a) By Owners 127
   (b) By Local Authority in default of Owners none

(c) Proceedings under Sections 11 14 & 15 of the Housing Act 1925.

1. No. of representations made with a view to the making of Closing Orders. 2
2. No. of dwelling houses in respect to which Closing Orders were made 2
3. No. of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit ... ... none
4. No. of dwelling houses in respect of which Demolition Orders were made ... ... none
5. No. of dwelling houses demolished in pursuance of Demolition Orders ... ... none
6. No. of dwelling houses demolished without Demolition Order 3

H. BINTCLIFFE,

Sanitary Inspector.

N. B. M. BLACKHAM,

Medical Officer of Health.

May 4th, 1926.